

Title (en)
Insertion of pilot symbols

Title (de)
Einfügung von Pilotsymbolen

Title (fr)
Insertion de symboles pilotes

Publication
EP 1361716 A2 20031112 (EN)

Application
EP 03252875 A 20030508

Priority
JP 2002136064 A 20020510

Abstract (en)
There is provided a radio communication device which is able adaptively to adjust the rate of pilot symbol insertion and to improve the efficiency of channel estimation and data transmission. It comprises a channel estimation unit that performs the channel estimation using the pilot symbols, a storage unit that stores a plurality of estimated values obtained by the channel estimation unit, a determination unit that compares the estimated values stored in the storage unit and determines an amount of change of the estimated values, and a notification unit that notifies the pilot symbol insertion unit of the amount of change of the estimated values.

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H04L 25/02

IPC 8 full level
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EP 03252875 A 20030508; CN 03131316 A 20030509; JP 2002136064 A 20020510; US 42875903 A 20030505